Cal 8272A

(8272/0000)

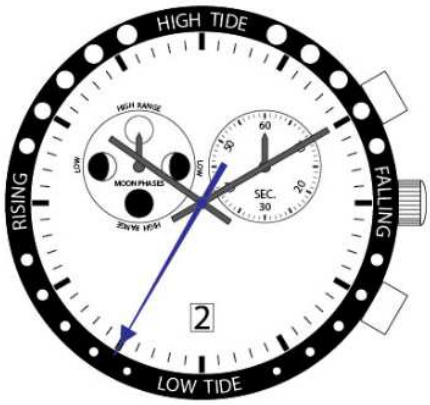
SWISS MADE

FAR EAST ASSEMBLY

11 1/2 ‴

25.60 mm

H. 4.60



SPORTS

10h

Tide

Moon Phases

Date by Window

2h

Small Sec.

EOL

End Of Life

isaswiss
WATCH MECHANISMS

In conformity with RoHS standard

8272A
(8272/0000)

SWISS MADE
FAR EAST ASSEMBLY

Caractéristiques :

Mouvement marée analogique / électronique à quartz. Moteurs rotatifs pas à pas.
Quantième, correcteur de quantième rapide.
Petite seconde, 1 pas par seconde.
Fin de vie de pile (EOL) : déplacement de l'aiguille de petite seconde à 2h00 de 4 pas toutes les 4 secondes.
Indication de l'état de la marée, semi diurne.
Marée : L'aiguille centrale fait 1 tour en 12 heures 25 minutes 14 secondes.
Amplitude de marée: L'aiguille du petit compteur fait 1 tour en 29 jours 12 heures 44 minutes.
9 rubis.

Characteristics :

Tide analogical / electronic movement. Rotating stepping motors.
Date, quick date correction.
Small second, 1 step per second.
End of life (EOL): indication by small second hand at 2:00 jumping 4 successive steps every 4 seconds.
Indication of the tide state, half-diurnal.
Tide : The center sweep hand makes 1 revolution in 12 hours 25 minutes 14 seconds.
Tide amplitude: The small counter hand makes 1 revolution in 29 days 12 hours 44 minutes.
9 jewels.

Kennzeichnungen :

Analoganzeige der Gezeiten / Elektronisches Quarzwerk. Schrittschaltmotoren.
Datum, Schnelle Datumskorreptur.
Kleine Sekunde, 1 Schritt pro Sekunde.
Batterie-End-Anzeige (EOL) : Vorrücken des Sekundenzeigers um 2:00 alle 4 Sekunden (4-Schritt-Motorimpuls)
Hinweis der Höhe der Gezeiten, halbtäglich.
Gezeiten : Centraler Zeiger um 10:00, 1 Umdrehung in 12 Stunden, 25 Minuten und 14 Sekunden.
Shhwingungsweite der Gezeiten : Kietner Zeiger : 1 Umdrehung in 29 Tagen, 12 Stunden und 44 Minuten.
9 Steine.

Critères Criteria Kriterium	Conditions Conditions Bedingungen	Min.	Typ.	Max.	Unités Units Einheit
Consommation Current consumption Stromaufnahme	U=1.55V T=25°C		1.95		µA
Marche instantanée Instantaneous rate Momentaner Gang	U=1.55V T=25°C	- 0.5 (-15)		+ 0.5 (+15)	s/jour s/day s/Tag (s/mois s/month s/Monat)
Température de fonctionnement Operating temperature Betriebstemperatur		0		+ 50	°C
Résistance aux champs magnétiques Resistance to magnetic fields Magnetfeldabschirmung			1500 (18.8)		A/m (Oe)

Qté Qty Menge	Désignation Designation Bezeichnung	Type Model Typ	Tension Voltage Spannung	Code Code Kode	Capacité Capacity Kapazität	Autonomie théorique Theorical Autonomy Theoretische Gangreserve
1	Pile Battery 9.50 x 2.70 Batterie	SR 927 W High drain	1.55 V	399	55 mAh	Mois 39 Months 32* Monate

* Avec fonction 1h/jour. * With 1h/d function - *Mit 1S/T.Funktion

In conformity with RoHS standard

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Redémarrage :

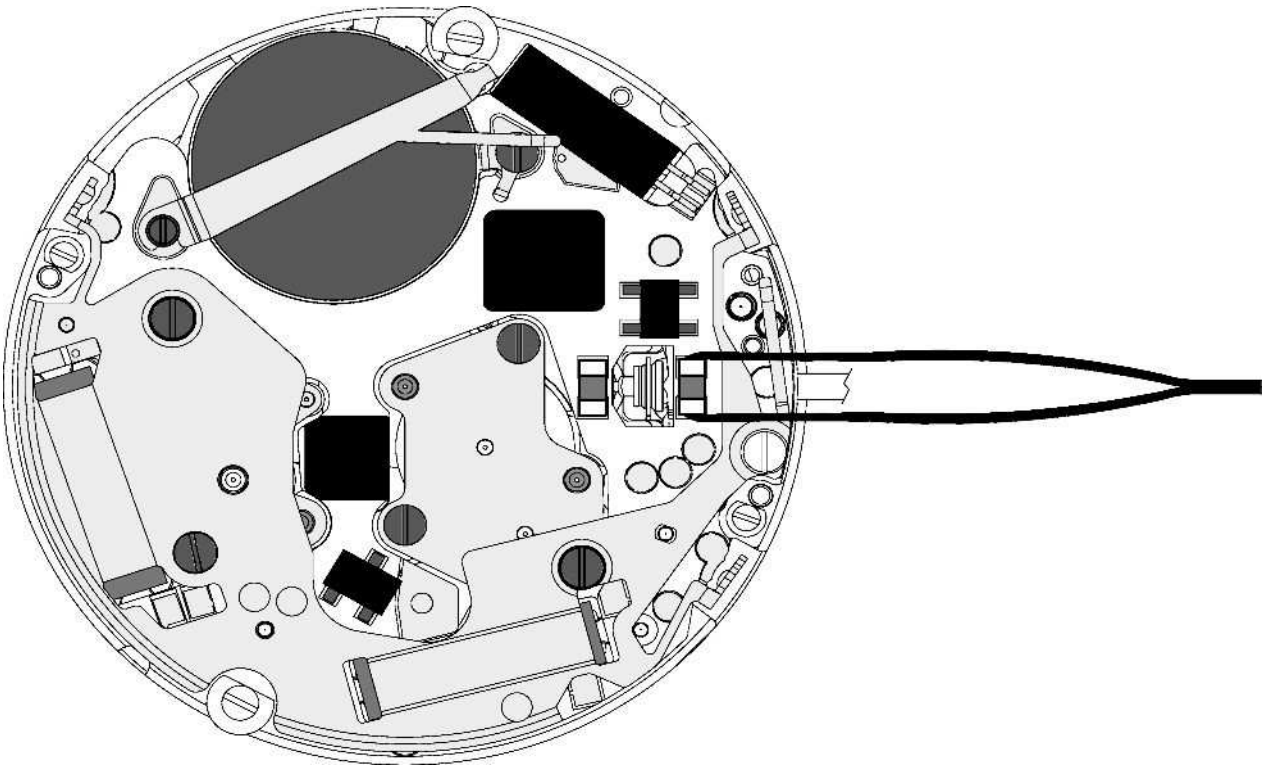
Après la pose de la pile, ou si le mouvement réagit anormalement après la pose de la pile, une réinitialisation peut être réalisée en connectant la capacité indiquée à l'aide de brucelles métalliques.
Cette opération est plus sûre que la dépose et la repose de la pile et garantit un redémarrage normal du mouvement.
Après cette opération, le mouvement est dans la même configuration qu'après un changement de pile et la procédure d'initialisation doit être effectuée comme décrite sur le mode d'emploi.

Restarting :

After battery insertion, or if movement does not work correctly after battery setting, a reboot can be carried out by connecting the indicated capacitor with metallic tweezers.
This operation is far better than removing and reinserting the battery and thus ensures a correct restart of the movement.
After that, the movement is in the same configuration as after a battery change and an initialization procedure has to be carried out as described in user manual.

Neu starten :

Nach der Einfügung der Batterie, oder wenn das Uhrwerk ungewöhnlich nach der Verlegung der Batterie reagiert, kann, durch Kurzschluss der angegebene Kapazität mittels Metallpinzette, ein Neubeginn verwirklicht werden.
Diese Operation ist sicherer als das Herausnehmen und Wiedereinsetzen der Batterie und garantiert einen normalen Wiederanlauf des Uhrwerkes.
Nach dieser Operation ist das Uhrwerk in derselben Konfiguration wie nach Einfügung einer neue Batterie und das Initialisierungsverfahren muss nach der Gebrauchsanweisung durchgeführt werden.



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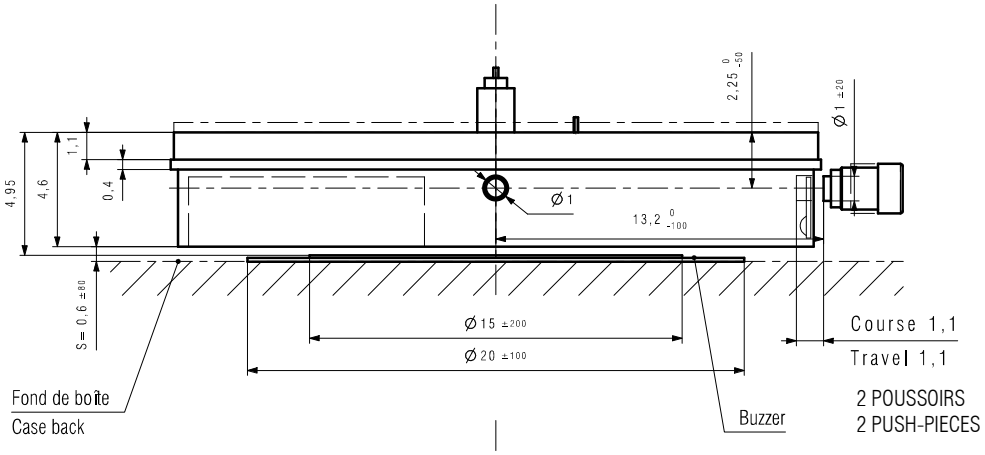
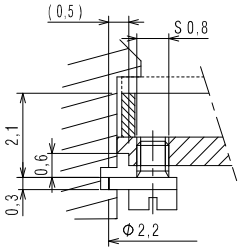
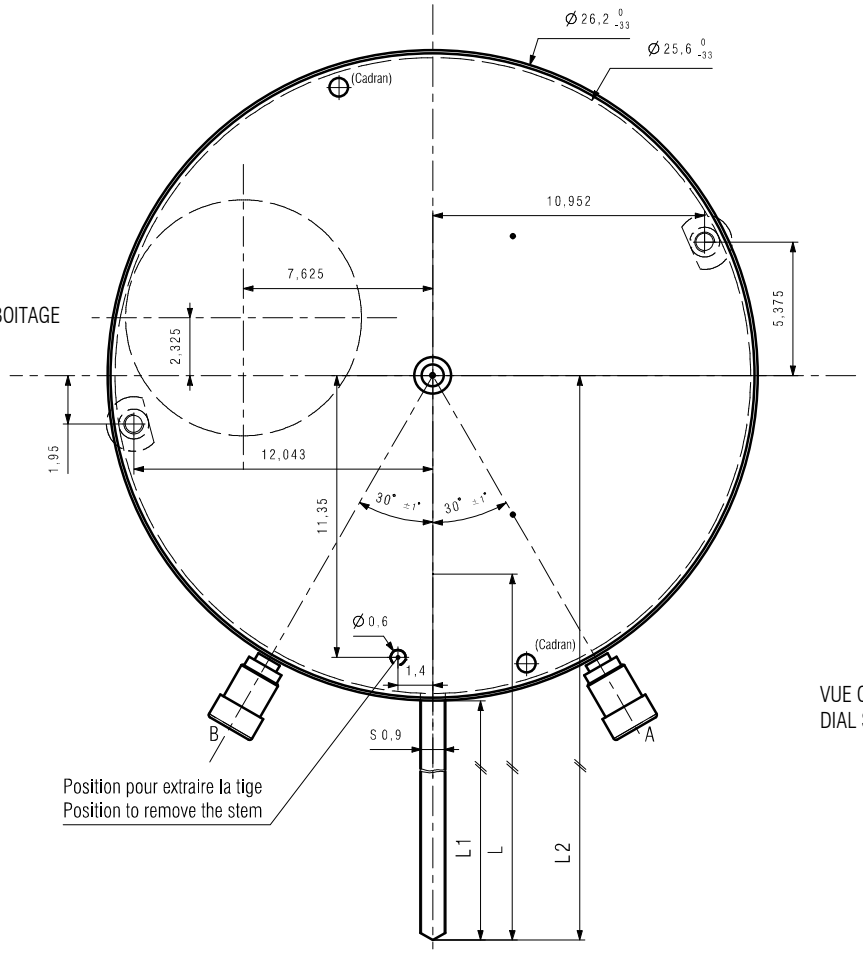
SWISS MADE
FAR EAST ASSEMBLY

CAGE / FRAME

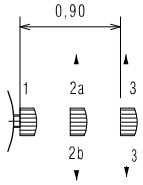




FIXATION DU MOUVEMENT
FASTENING OF MOVEMENT
CLEFS DE FIXE OU CERCLE D'EMBOITAGE
CASE SCREWS OR CASING RING
AUTRE FIXATIONS POSSIBLES
OTHER FASTENINGS POSSIBLE



VUE COTE CADRAN
DIAL SIDE VIEW



1: REPOS - REST
2: QUANTIEME - DATE
3: MISE A L'HEURE
HANDS SETTING
STOP

Position pour extraire la tige
Position to remove the stem

Tige en position repos / Stem in rest position	L	L1	L2
Standard / Standard	18.05 +/-100	9.40	22.5
Longue / Long	25.00 +/-100	16.35	29.45
Longue / Long	30.00 +/- 100	21.35	34.45

DIMENSIONS IN mm. - TOLERANCES IN μm.

In conformity with RoHS standard

Doc. n° **0312128 - M** Up date **05/06/2015** - Page 4

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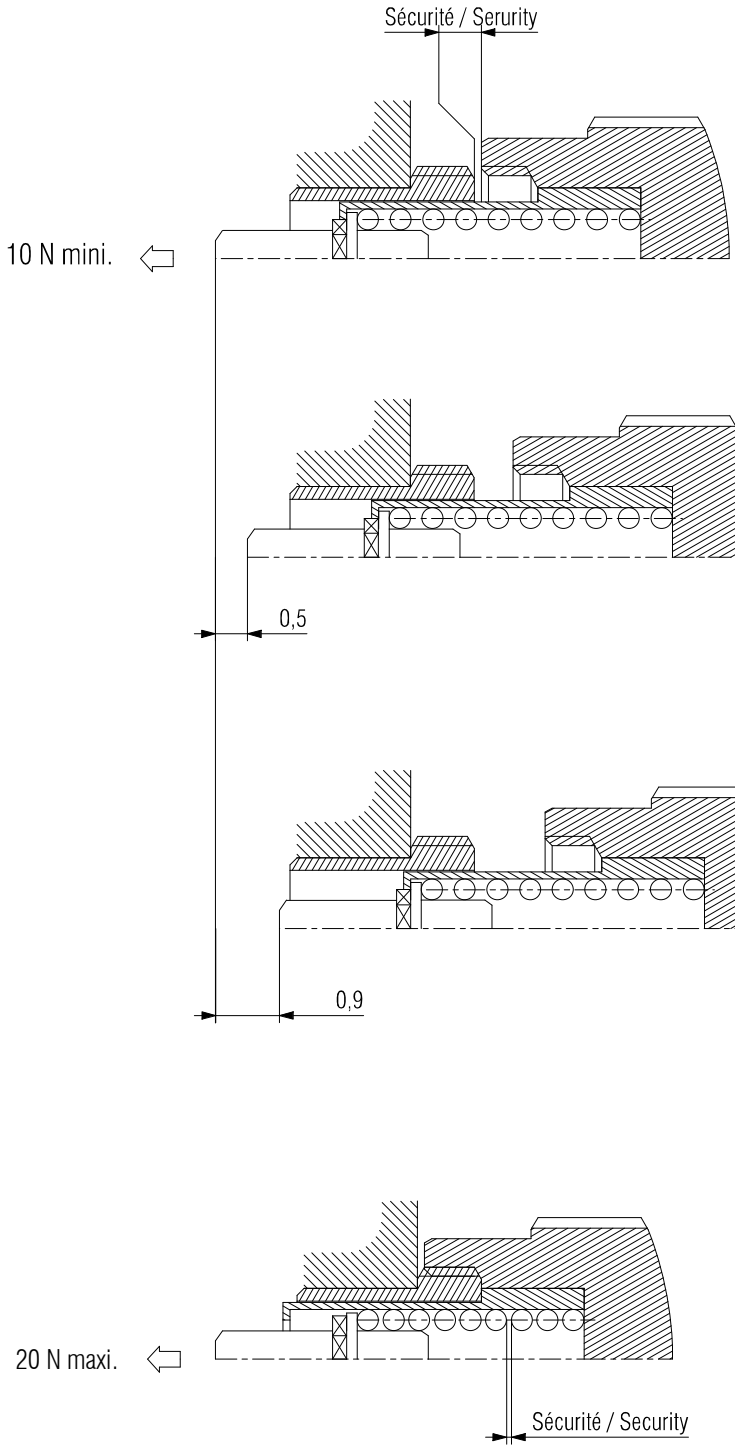
UTILISATION DE COURONNES VISSEES / USE SCREWED CROWN



1 Position de repos
Rest position

2 Correction rapide de la date
Quick date correction

3 Position de mise à l'heure
Time setting position

Couronne vissée et bloquée
Crown screwed and tightened

In conformity with RoHS standard

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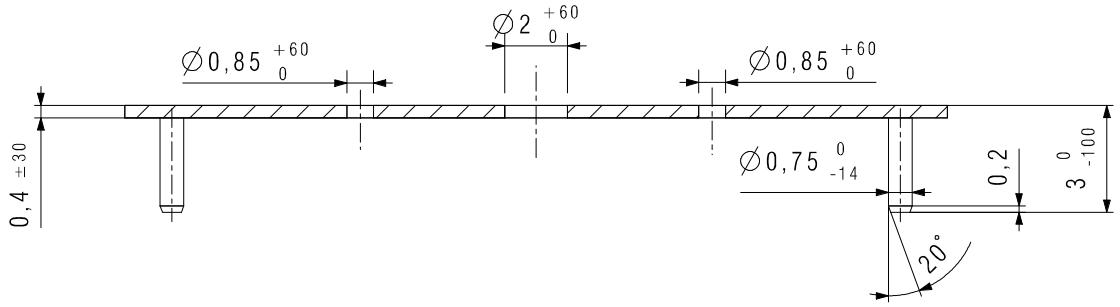
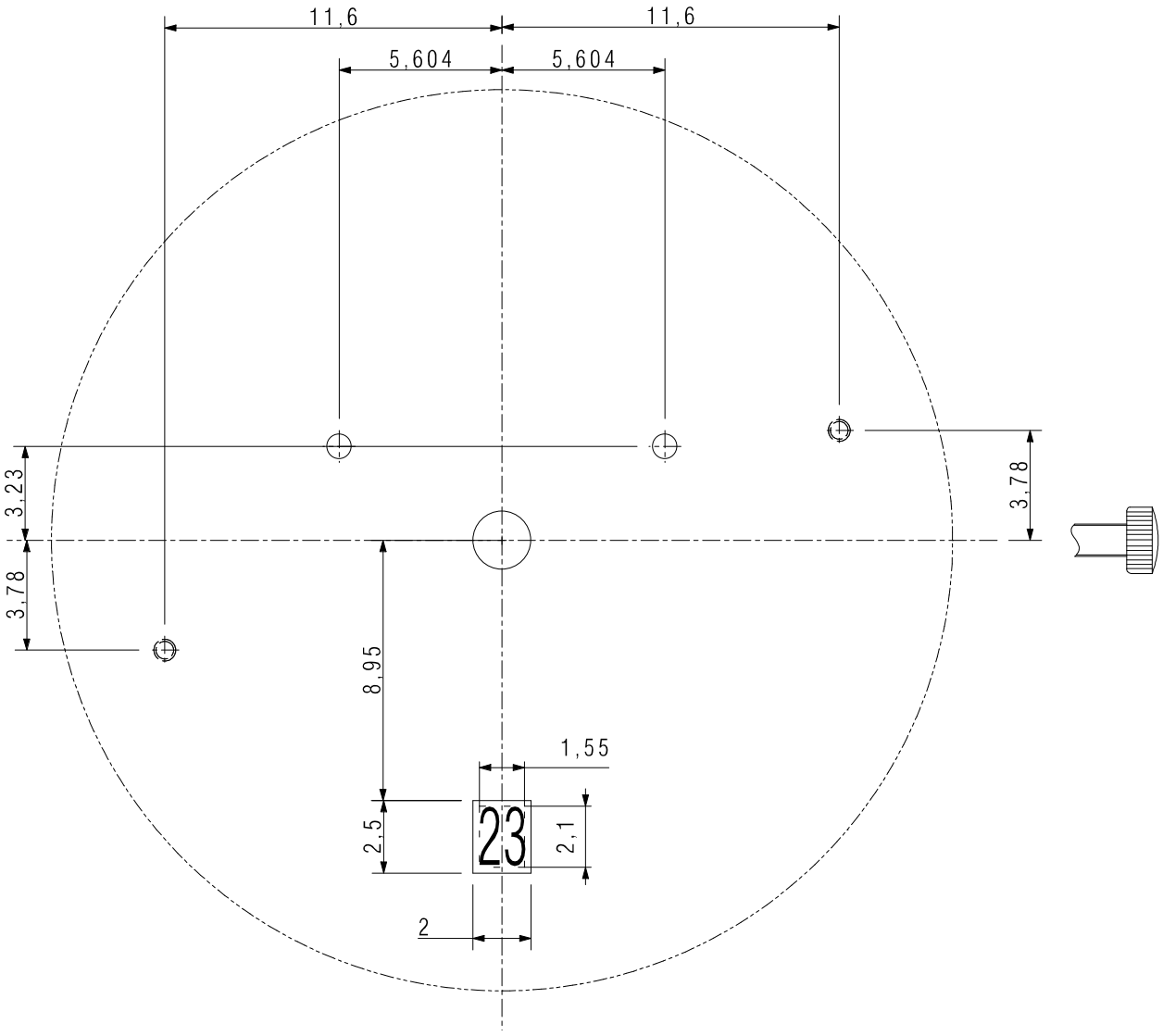
SWISS MADE
FAR EAST ASSEMBLY

CADRAN / DIAL





DIMENSIONS IN mm. - TOLERANCES IN µm.

In conformity with RoHS standard

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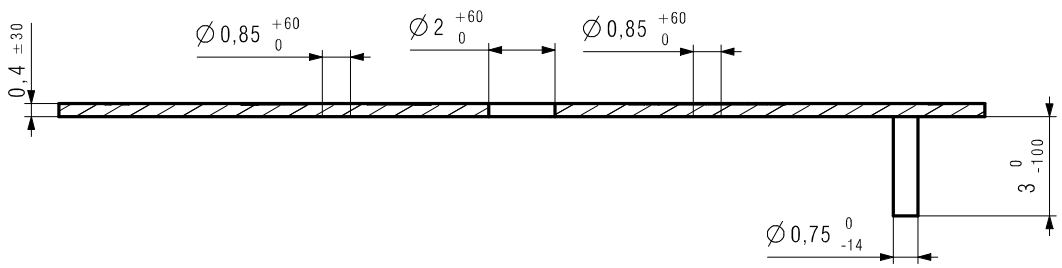
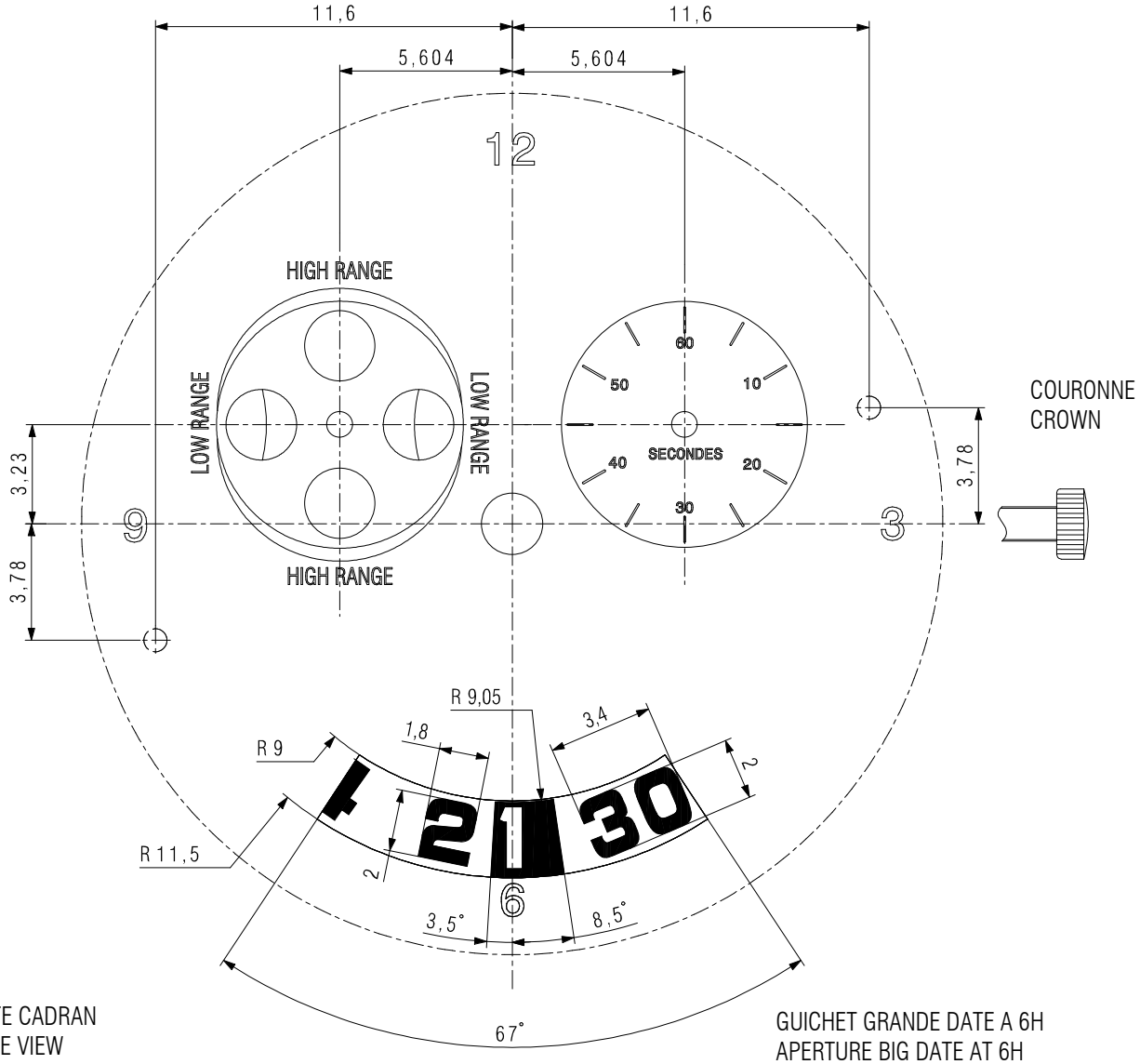
CADRAN / DIAL





VUE COTE CADRAN
DIAL SIDE VIEW

GUICHET GRANDE DATE A 6H
APERTURE BIG DATE AT 6H

DIMENSIONS IN mm. - TOLERANCES IN μm.

In conformity with RoHS standard

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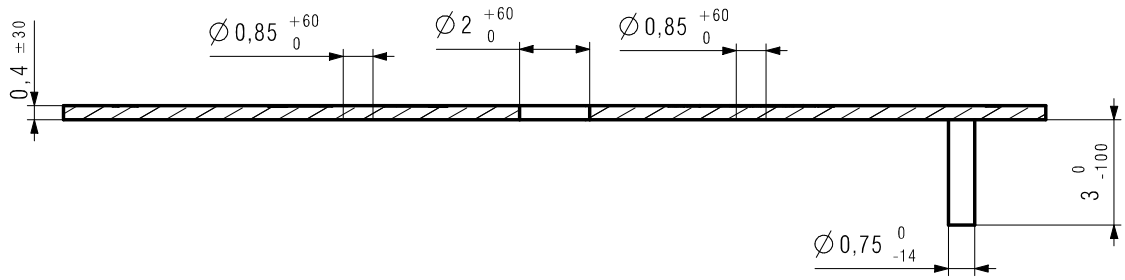
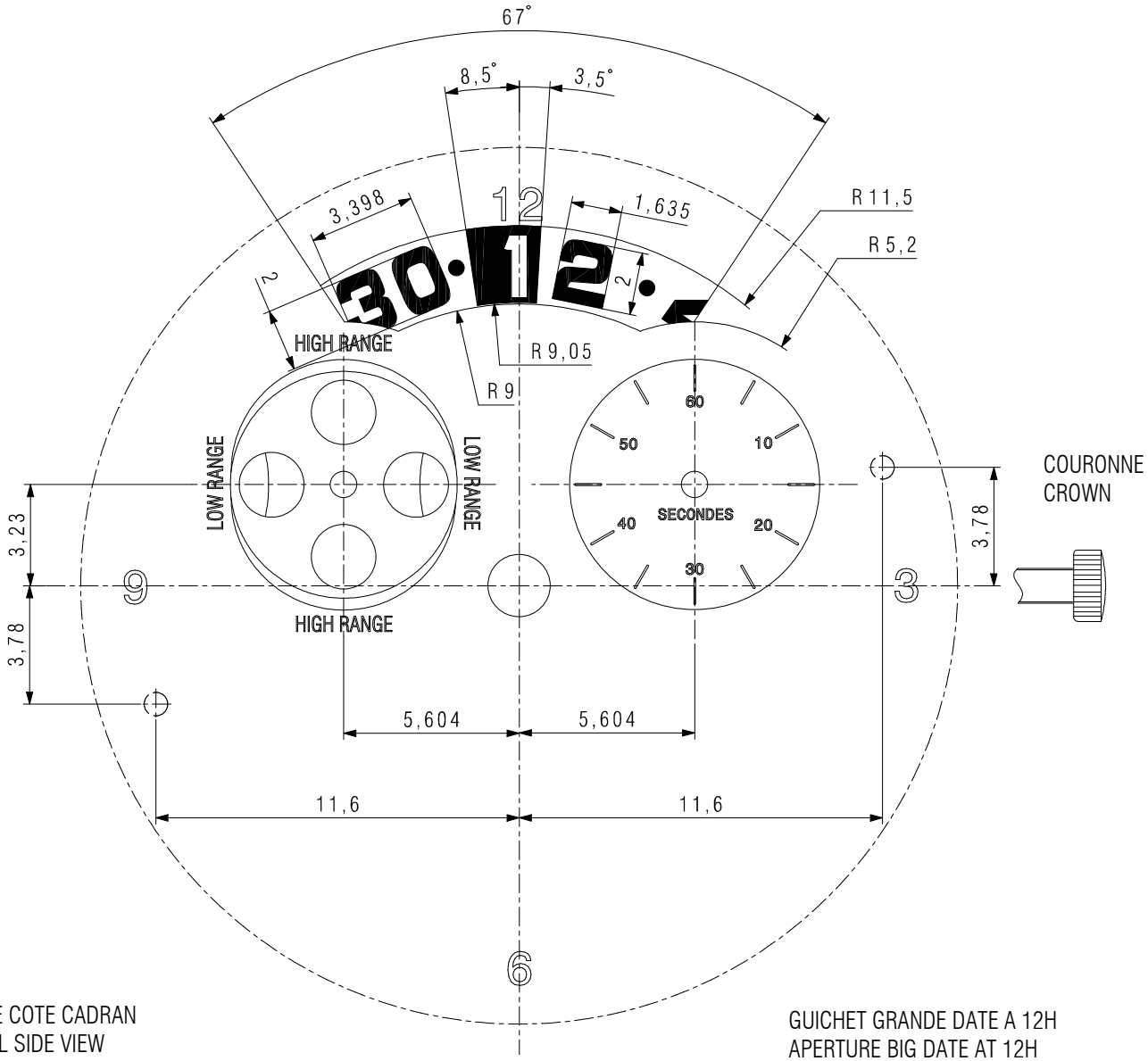
CADRAN / DIAL





VUE COTE CADRAN
DIAL SIDE VIEW

GUICHET GRANDE DATE A 12H
APERTURE BIG DATE AT 12H

DIMENSIONS IN mm. - TOLERANCES IN μm.

In conformity with RoHS standard

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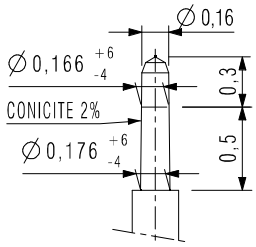
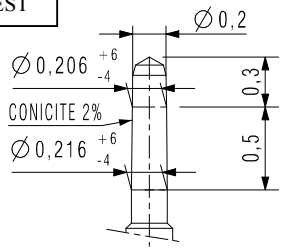
SWISS MADE
FAR EAST ASSEMBLY

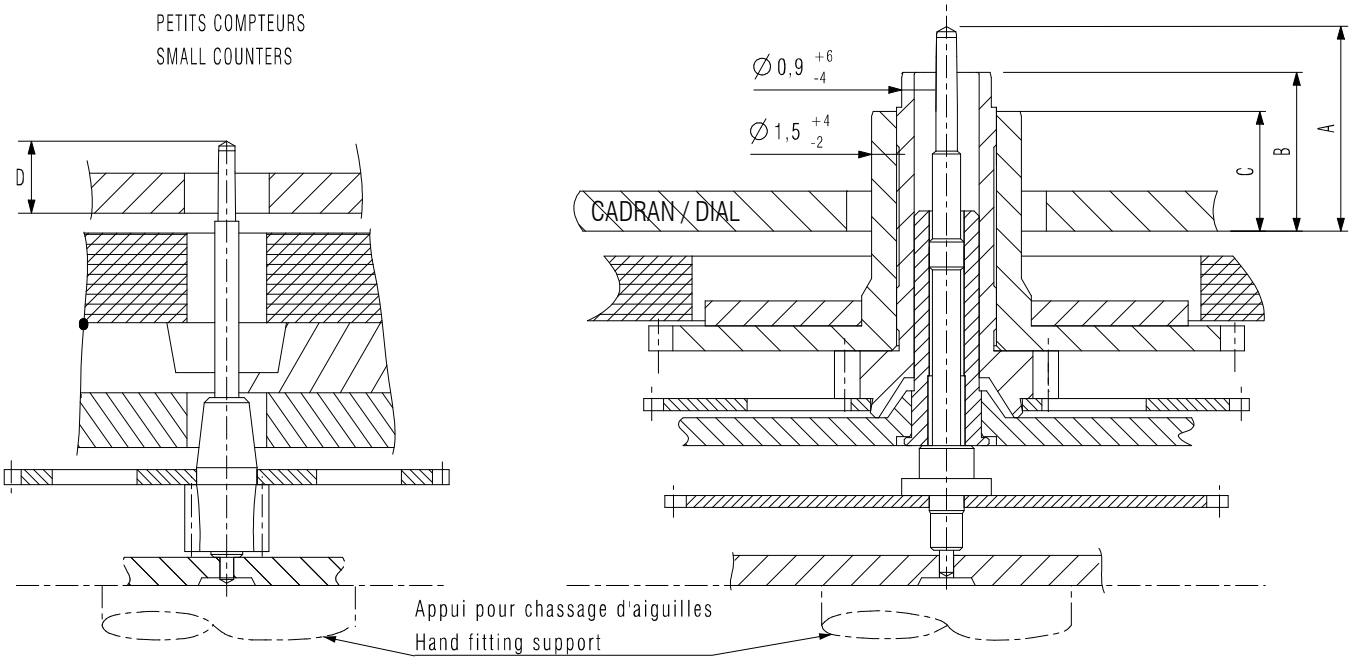
AIGUILLAGE / HAND-FITTING

AUTRES AIGUILLAGES SUR DEMANDE
OTHER HAND-FITTING ON REQUEST





PETITS COMPTEURS
SMALL COUNTERS



AIGUILLAGE / HAND-FITTING	Dépassement / Height over dial seat				Epaisseur cadran / Dial Thickness
	A	B	C	D	
	Pignon Central / Central wheel pinion	Chaussée / Cannon pinion	Roue des heures / Hour wheel	Pignon petit(s) comp-teur(s) / Small counter (s) wheel pinion	
N°2	2.05	1.60	1.20	0.70	0.40
N°4 special	2.50	2.05	1.65	0.70	0.40
Hauteur tube / Tube height	0.70	0.35	0.60	0.70	--

CHOCS 450 g / 450 g SHOCKS	Balourd / Unbalance	FORCE DE CHASSAGE / PRESS-IN-FORCE
Aiguille des heures - Hour Hand	—	≤ 25 N
Aiguille des minutes - Minute Hand	≤ 10 µNm	≤ 25 N
Trotteuse centrale - Central Hand	≤ 0.8 µNm	≤ 25 N
Aiguilles des petits compteurs - Small counters Hands	≤ 0.2 µNm	≤ 20 N

DIMENSIONS IN mm. - TOLERANCES IN µm.

In conformity with RoHS standard

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SWISS MADE
FAR EAST ASSEMBLY

EXEMPLE DE PRESENTATION
DESIGN SAMPLE

In conformity with RoHS standard

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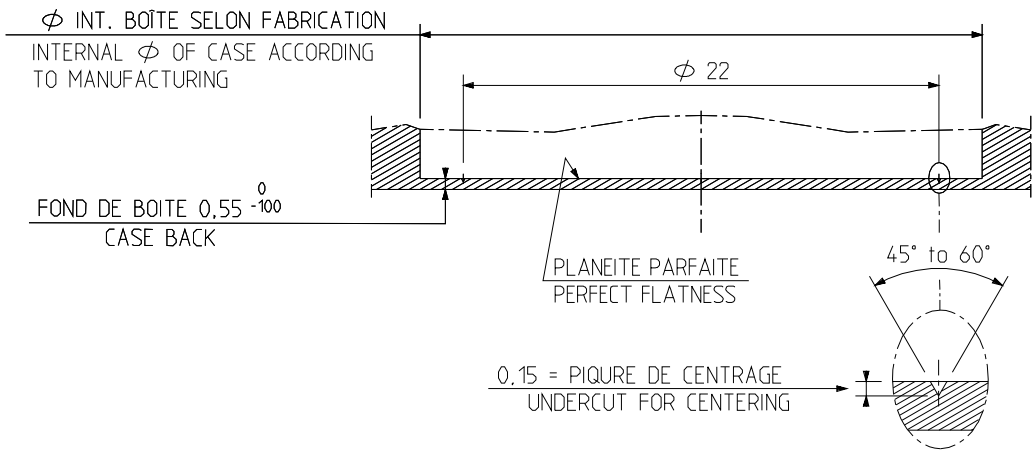
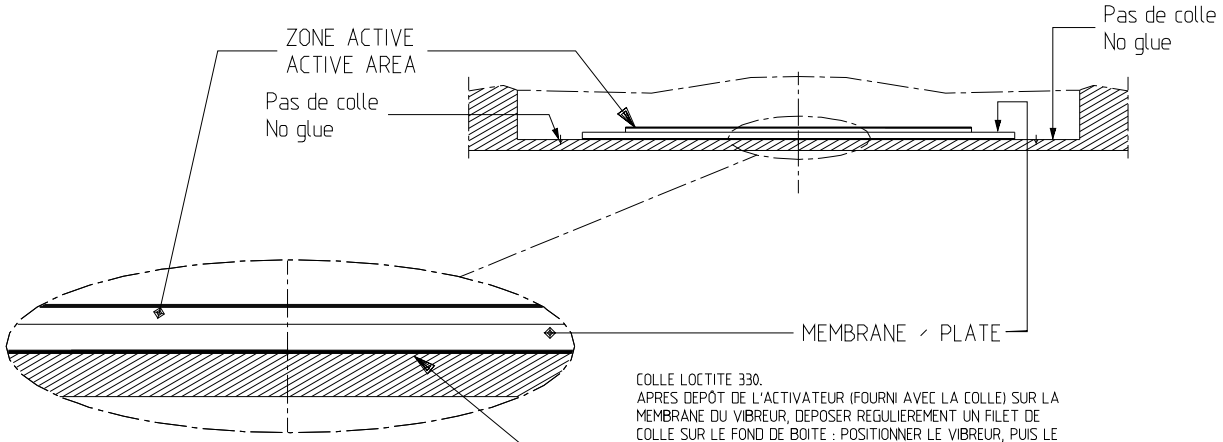
DIRECTIVES POUR LA REALISATION DU FOND DE BOITE
CASE BACK MANUFACTURING INSTRUCTIONS

⌀ 22 SERT A CENTRER LE BUZZER VISUELLEMENT AU COLLAGE
TO POSITION VISUALLY THE BUZZER WHEN GLUING



INSTRUCTIONS POUR LE COLLAGE DU BUZZER
BUZZER GLUING INSTRUCTIONS



COLLE LOCTITE 330.
APRES DEPÔT DE L'ACTIVATEUR (FOURNI AVEC LA COLLE) SUR LA MEMBRANE DU VIBREUR, DEPOSER REGULIEREMENT UN FILET DE COLLE SUR LE FOND DE BOITE : POSITIONNER LE VIBREUR, PUIS LE MAINTENIR EN PLACE SOUS UNE CHARGE DE 2,5N. (250gf.) PENDANT UNE DUREE DE 30 MINUTES.
L'UTILISATION DE LA COLLE NE DOIT PAS ETRE FAITE DANS L'ENVIRONNEMENT PROCHE DES MOUVEMENTS POUR EVITER LES PROBLEMES DE TRANSFORMATION DES LUBRIFIANTS PAR SUITE DE DEGAZAGE.

LOCTITE 330 GLUE
AFTER THE DEPOSIT OF THE ACTIVATOR (GIVEN WITH THE GLUE) ON THE PLATE OF THE BUZZER. DEPOSIT REGULARLY A GLUE FILET ON THE CASE BACK : SET THE BUZZER IN THE RIGHT POSITION AND MAINTAIN IT IMMEDIATELY UNDER A PRESSURE OF 2,5N. (250gf.) AT LEAST 30 MINUTES.
REMARKS : THE GLUING OPERATION SHOULD NOT BE DONE CLOSE TO THE MOVEMENTS TO AVOID THE IMPORTANT RISK OF LUBRICANT TRANSFORMATION DUE TO THE GLUE OUTGASING.

DIMENSIONS IN mm. - TOLERANCES IN μm.

In conformity with RoHS standard

Doc. n° **0312128 - M** Up date **05/06/2015** - Page 11

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